



Florida Department of Environmental Protection

Continuous Monitoring Workgroup

National Water Quality Monitoring Council Conference
May 5, 2016





Why a CM Workgroup?

- First identified as statewide issue at 2014 planning meeting;
- January 2015 Council meeting focus;
- CM devices in widespread use/already implemented;
- Numerous challenges:
 - Appropriate deployment;
 - SOPS & QA/QC;
 - Operation & maintenance;
 - Data storage & analyses.





Intent of Council CM workgroup

“share and assimilate experiences, lessons learned, new technology, and promising new designs in the area of remote and continuous water quality monitoring around the state”





First Meeting

- January 21, 2016 in Tallahassee;
- Attended by the WMDs, several state agencies, EPA, counties, FLERA, and several private citizens;
- Decision: create “shared resource” on CM efforts in Florida;
- Timeline: 12 months





Shared Resource

Centralizing this information is our first step toward:

- Identifying gaps;
- Establishing guidance for agencies/organizations to improve existing programs;
- Promoting data comparability;
- Making resources available to CM users





Shared Resource

- “shared resource” on public website could include....
 - Florida monitoring entities using CM devices & contact information;
 - SOPs;
 - Types/models of CM devices in use;
 - Studies/projects/purposes of continuous monitoring;
 - Types of waterbodies monitored;
 - Deployment checklists;
 - Anti-fouling procedures;
 - QA/QC;
 - Data availability.





Interagency Collaboration

- Council CM workgroup members serve on DEP Division CM workgroup
- Division is working with Council CM workgroup members to statistically evaluate CM QA/QC approaches
- NWQMC conference attendees to report back to workgroups with “new” CM information



Challenges

- Workgroup needs new leadership;
- Resources are stretched.





Next Steps . . .

- Establish an initial contact list for workgroup members;
- Identify a Chair(s);
- Develop a timeline;
- Provide draft outline/list of CM documents for the shared resource;
- Continue to coordinate with other CM workgroups.



Contact Information



Convict spring reversal; courtesy of
Suwannee River Water Mgmt. District

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